

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-13. (Canceled)

14. (New) In a electromechanical partial-lining disk brake with self-boosting, having an actuating device, having a friction brake lining, which for braking can be pressed by the actuating device against a brake disk, and having a self-booster, which converts a frictional force, exerted by the brake disk on the friction brake lining when the friction brake lining is pressed against the rotating brake disk, into a contact pressure which presses the friction brake lining against the brake disk, the improvement wherein the self-booster has a ramp mechanism; and wherein the ramps of the ramp mechanism have a helical course that is concentric to one another and at least approximately concentric to an axis of rotation of the brake disk and guide the friction brake lining, for pressing against the brake disk, both transversely to the brake disk (feed motion) and approximately in a circular arc in the circumferential direction to the brake disk.

15. (New) The electromechanical partial-lining disk brake according to claim 14, wherein ramp mechanism comprises roller bodies; and wherein the ramps guide the roller bodies along helical paths having the same slope.

16. **(New)** The electromechanical partial-lining disk brake according to claim 15, wherein the ramp mechanism comprises three balls as roller bodies, which are disposed at corners of an imaginary triangle.

17. **(New)** The electromechanical partial-lining disk brake according to claim 16, wherein a center point of the area of the friction brake lining, braced with the roller bodies, is located inside the imaginary triangle.

18. **(New)** The electromechanical partial-lining disk brake according to claim 15, wherein the roller bodies are retained with a retainer, which keeps the roller bodies in their spacing from and in their position relative to one another.

19. **(New)** The electromechanical partial-lining disk brake according to claim 14, wherein the disk brake comprises a frame, on which the friction brake lining is braced on being pressed against the brake disk, and which is located approximately at the same level as a center point of the area of the friction brake lining.

20. **(New)** The electromechanical partial-lining disk brake according to claim 14, wherein the disk brake comprises an encapsulation of moving parts.

21. **(New)** The electromechanical partial-lining disk brake according to claim 20, wherein the disk brake comprises a floating caliper, in which the friction brake lining rests and which

Applicant: Dietmar BAUMANN et al.
Docket No. R.305656
Preliminary Amdt.

is guided displaceably by a caliper guide transversely to the brake disk; and wherein the caliper guide comprises an encapsulation.

22. **(New)** The electromechanical partial-lining disk brake according to claim 20, wherein the disk brake comprises an encapsulation for the actuating device and/or the self-booster.

23. **(New)** The electromechanical partial-lining disk brake according to claim 14, wherein the actuating device comprises a contate gear mechanism for displacing the ramps of the ramp mechanism relative to one another.

24. **(New)** The electromechanical partial-lining disk brake according to claim 14, wherein a brake caliper comprises a slide bearing, with which it is guided displaceably transversely to the brake disk; and wherein the slide bearing is disposed approximately in an imaginary plane with the brake disk.

25. **(New)** The electromechanical partial-lining disk brake according to claim 24, wherein the brake caliper comprises a brace against tilting, for relieving the slide bearing.

26. **(New)** The electromechanical partial-lining disk brake according to claim 14, wherein that the actuating device engages the ramp mechanism with a long lever arm radially relative to the brake disk outside the ramps.